

15 SCS 1
Wed March 13, 1991

Area 1 Reconnaissance w/ Mara McGinnis and Paul Takacs

Mara and myself were given the tour of the Area #1 sites by Paul prior to our meeting w/ Cahokia Mayor Mike King at 10:00am, we discussed our sample strategy and then drove around with Mr. King on a tour of Dead Creek and the village of Cahokia. We stopped at village hall and talked with village workers on the water supply to village residents. For all they knew, all residents were hooked into the system. After we left the village hall, we stopped by the East Side Health District and got copies of people in the cahokia area who wanted their wells tested for safe drinking water. Ema Locket provided us the information. During the reconnaissance, nothing out of the ordinary (different from the IEPA reports) was observed other than DCS-A was cleaned-up 11/90. No pictures were taken. Mr. King gave us the names of 4 pieces with wells that he knew of: Allen on Walnut, Barker at 105 Melvin Talbert at 101 Lenard and a well in the park near the Senior Citizens Bldg. we also met Mr. Paul McNamara (618) 337-9511 when we drove by his home. Mr McNamara promised to send sidewalk maps and a village map for information on residents living along dead creek - property boundary info. Ema Locket gave us 8 cahokia residents wanting there wells tested. Mayor King said give him the money and he would clean-up Dead Creek. Areas of Dead Creek are littered with trash. Some residents now own and maintain the creek banks. There's a oil-like sheen in the creek at CSC and CS D.

Wed. March 27, 1991 Windy, sunny, mild
Area I SSI Sample Team: Greg Dunn, Greg Spangler, Judy Tuller
Site at 8:30 toward Area I PM-Tin Murphy
G-205 Set up to sample Walter Allen well, 17' deep at 101
Main Street. The well is next to St. M #15.
The well is used to water a large garden and greenhouse
Sample project prior to collection (Data on field sheets)
Photo 1-E, Photo 2-NE, Photo 3-NW
G-203 Next to John and Mildred Balliet, x 20', deep at 3300
Followings Spring Road. The property is x 1000', W of St. M.
John Balliet has lung cancer, kidney and no spleen
Has worked in area industry, uses well for garden
only now, past used as dr. Niking. Next door Neva
Johnson also used her well for dr. Niking, she currently
uses the well water for making coffee.
Sample time 10:00 AM - G-203
Sample project prior to collection (see Data Sheets)
Well is 30-35 years old, put in shortly after moved here
to years ago. Photo 4-N, Photo 5-NW
lunch break 1 hr between samples G-202 and X-114
G-201 Set up at William Smith residence to sample 26'
deep well at 102 Judith LN in Achekia. The property
is ~ 250', W of CS-C. Mary interviewed Wright
residence, Mr. Smith's neighbor to the E + directly
adjacent Dead Creek. Donna Wright was taken to
Mora relayed that 4 people lived there and 1 baby
visits frequently. There well had been turned off

- * The Wright property runs to the center of the creek.
 Well sample purged prior to collection of sample - (Data Sheets)
 Sample time for William Settle is 11:25 AM - & 201
 photo 6-E, photo 7-NW. - occasional use for drinking
 G202 The neighbor E. of William Settle is William Schmidt
 with a 49' feet deep well, the property is about 350'
 E of CS-C. Sample purged - (Data Sheets)
 Sample time 11:55 AM - G202
- Mr. Schmidt concurred the event. He has used his
 well in the past for drinking, he now waters grapes,
 grass and the garden. He knows that Mr. Charlie
 McDonnell was a former Monsanto Employee that
 has knowledge of what was dumped where.
- photo 8-N., photo 9-NW.
 X114 Parked on the levee and walked down along Old Prairie
 Dupont Creek to get downstream sample first
 Sample collected from the W bank 0-2' deep in
 3' of water - clay Silt + Sample time 3:45 pm - X114
 photo 10 - SE, photo 11 - E-NE, \approx 12.00' downstream
 of Dead Creek Confluence. Photo 12 - N. off wind storm
 X113 sample collected from the center of DC at confluence
 of/w/ Old Prairie Dupont Creek 0-2.5' deep, ~
 1.5' of water - black sludgey Sample time 4:25 pm - X113
 photo 13 - NE.
- X118 Sample collected & 200' upstream of confluence for
 background purposes. Sampled from N bank 0-1.5' deep
 1d 2' of water - silty clay. Sample time 4:40 pm - X112
 photo 14-E, photo 15-E. Photo 16-E-NE of wetland
 photo 17-SE of small bluegill with something wrong
 with its back

XIII Sample collected from the center of DC as it runs through the wetland. Sample is collected near the north corner of the base of the powerline pole for reference. Sample depth 0-1.5' in 1' of water - brown silt to sand. Sample time 5:30-XIII

photo 18-E, photo 19-E. last sample today

Thurs March 28th, 1991 - Another nice spring day as we continue Area #1 SSI ^{Paul back to Spfld.} Judy sick, bottom mowed Mara sick

X110 Upgradient of XIII, X110 is located at the N. culvert of Parks College parking lot/practice field. The creek is not wide at this location. Collected 5' from the N. end of the culvert at Sample time 9:05A - X110 22-NE 0-1' in 4" of water - sandy sed. photo 20-E-NE, 21-SE

X109 Upgradient of X110, X109 is taken from the center of DC at the Park College/Trailer Park Boundary 0-1' deep in 6" of water Sample Time 9:30A - X109 photo 23-N-NW photo 24-E-NE.

X108 Upgradient of X09, X108 is taken at the S. end of the culvert by the VFW hall. 1-2' deep in 1' of water Sample time 9:50A - X108 photo 25W, photo 26-E

X107 Upgradient of X108, X107 is located behind the 3809 White Street residence in the center of DC, perpendicular to the house. 0-1.5' deep in 2' H₂O. Greg finds some hole each time back to get more sample

Sample time 10:15A - X107 photo 27E, photo 28-SE

X106 Upgradient of X107, X106 is collected from the center of DC directly behind the repair garage on Jerome St. 0-1.5' deep in 2' of water. Sample time 10:50A - X106

X105 Not collected due to hand auger refusal at N. of Kinder St. gravel in creek bed

X104 Background soil sample from H.E. Kearby property located at 144 St. James Street in Cahokia. The sample was obtained from the SE central side of the back yard. 0-6" in brown sand loam. Sample time 12:00 p - X104. photo 31 - NW

noL G204 Background well sample from same yard (H.E. Kearby) The 30' well is \approx 1800' NW of CSE. Well ~ 2 yrs old does use it for drinking while in the back yard, also garden + grass watering. Sample time 12:10 p - G204 photo 32 - NW

X103 Soil sample from John Battell yard (same as G203) 3300 Falling Springs Rd. Sample 0-6" in the NW corner of front yard, brown organic soil. Sample time 1:45 - X103 photo 33 - NW, photo 34 - NW

X102 Soil sample from William Schmidt back yard (same as G202) 104 Judith LN. Sample 0-6" in the S. central portion of back yard. Sample time 1:00 p - X102 brown organic photo 35 - S, photo 36 - SW

X101 Soil sample from Vernon Shepard property at 25 David St. Sample 0-6" Next to the fence on the North side of the property Golf driving range next door Sample time 1:15 pm - X101 photo 37 - NW, photo 38 - NE Mara gained permission to sample this property
END OF SSI

'10b
St.

Wed, June 5 - Area 2 Reconnaissance w/ Paul Tackes

Bob Hiller of Monsanto showed us the cap at Site R. (Toxic Landfill, Riverfront Landfill) After, we ~~had~~ gauntlet mission from Steve Oaks (Raven) Some - truck tracks to pipe w/ stains around it. 6 units 300 units above bkgnd. Large rusted in the middle inside, some pipe between lakes w/ readings of 250. Drum between lakes w/ no reading but crusty waste near the RR track - direct cutistry Sludge, pinholes all over to bkgnd. Sawage drum ~100' N of pipe, more stains. There's a pipe leading into river, ~4", "tested 7/1/89" at the cap/grain terminal to see Site Q.

After, we ~~had~~ gauntlet mission from Steve Oaks (Raven) Some - truck tracks to pipe w/ stains around it. 6 units 300 units above bkgnd. Large rusted in the middle inside, some pipe between lakes w/ readings of 250. Drum between lakes w/ no reading but crusty waste near the RR track - direct cutistry Sludge, pinholes all over to bkgnd. Sawage drum ~100' N of pipe, more stains. Thurs, June 6 - Area 2 recon, cuttings

Q. Possible PCB area on the E. Side of the RR. of Q. Possible PCB area in the middle of 300 units above bkgnd. Large rusted in the middle inside, some pipe between lakes w/ readings of 250. Readings at the filled lagoons show readings to 150 units ↓ background in several locations.

Reading average about 80 units ↓ bkgnd - 120 units ↓ bkgnd. And downwind side of lagoons (W central) the HNU shows a steady 4 units greater than bkgnd. On the E. side of the road greater than bkgnd. On the E. side of the road leading to the New WWTP, a ditch shows 10 units higher than bkgnd. In the breathing zone. After O, take a background in the bkgnd zone.

w/ Perry Williams 337-7847 square + cap off at 8:00 AM by Quail Run Model Home park - owned by a Savage Sleeps 10:00 - 6:00 - can sample his yard. Dose They smell DC.

Wed, June 26, 1991

hazy, hot

Area #2 SSI Sample Team: Bruce Ford, Ken Carkill, Greg Spencer, PM-Tim Murphy, Paul Takacs

Started out at Monsanto to view safety film "I SAW IT" stickers presented; signed log as other contracts do.

Proceeded to Rt. 3 Drum site (Monsanto Lot F)

X103 Sample collected from light brown sand angled under cap 9' 10^{1/4}", 30' 8" from highline pole (NW pole) and 40' 3" from NW corner. Hand auger used. Sample time 10:15 AM - X103, photo 1 - S-SE, photo 2 - S

May not have gotten to waste source, reason for angling - did not want to puncture engineered cap.

lunch break between X103 and X111

X111 Sample collected from the S. side of Site Q in a wetland area. Material in sample looked rubbery orange-black. The location is next to the road, on the S. side next to large lake, 231' from the end of the road. Sample 0-6" time 2:00 pm, photo 5 - E, photo 6 - ground, photo 7 NE

X109 Sample collected E. of Site Q in Monsanto's lot G. Sample 0-6" in silty sand 255'S and 5'E of wooden electric pole by road running between Lot F and mid site Q. Representative of ATM present for Monsanto for X103 + X109 Sample time 12:30pm X109 photo 3 - NE, Photo 4 - W.

X110 Sample collected at the N end of the big lake (wetland) Near the W. end of an overturned dumpster. Sample appears as mucky black and grey w/ sheen seeping out. Sample time 2:20 - X110 photo 8 - SE photo 9 - NE

X108 Sample collected in the wetland area of ~~at~~ Mid site Q located under W. highline wire, perpendicular to the tree lined ditch in low spot. Sandy brown sample 0-6"

Sample time 3:20 pm - X108

photo 10 - W-NW., photo 11 - NW

X107 Sample collected from stained area around opening of 4" pipe to the river. Black, oily stained sandy soil 0-6" Sample time 4:00 pm - X107
photo 12 - E., photo 13 - S.

X105 Sample collected at mid Site Q in a low laying area of an oily out-flow (pimple of ooze) 65' W. of the R.R. track center 0-6"
Sample time 4:35 pm - X105
photo 14 - ground, photo 15-S-SE, photo 16 - ground, photo 17 - SE

X106 Sample collected at mid Site Q in a wetland area near R.R. tracks where sludged are presumed to be dumped, sparse vegetation. Sample appears as dried out oily waste 115' E. of RR track 0-6"
Sample time 5:00 pm - X106
photo 18 - W., photo 19 - SE

X102 Sample collected near site O between American Bottoms WWTP and Clayton Chemical, collected 28'10"S. of Clayton fence in a dead spot. 0-6"
Sample time 5:50 p - X102

photo 20 - N., photo 21 - ground photo 22 - N,

X104 Sampled SW of X102 - 290' S. of Clayton Chemical fence (S. boundary) 0-6"

Sample time 6:15 pm - X104

photo 23 - NW, photo 24 - N., photo 25 - W.

Thurs June 27, 1991 Nice summer day

G201 Sampled PT'S well purged prior (Data sheet)
Sampled 11:25 A - G201 unknown depth
photo 28 - E., photo 29 - E

XII. Backward soil sample collected in the woods
~600' S. of Mt. St. Sauveur + ~150' from dirt
RD. Sample time 10:10 AM - XII
Photo 26-E-25, plate 27-E.
ISS to end